

DIARRHEA



DONE BY:

ph./ Roaa Mohammed Ail AL-bater



COMMON CAUSE OF DIARRRHEA

▶ *Infection*

▶ *Food intolerances*

▶ *Medication*

▶ *Digestive disorder*

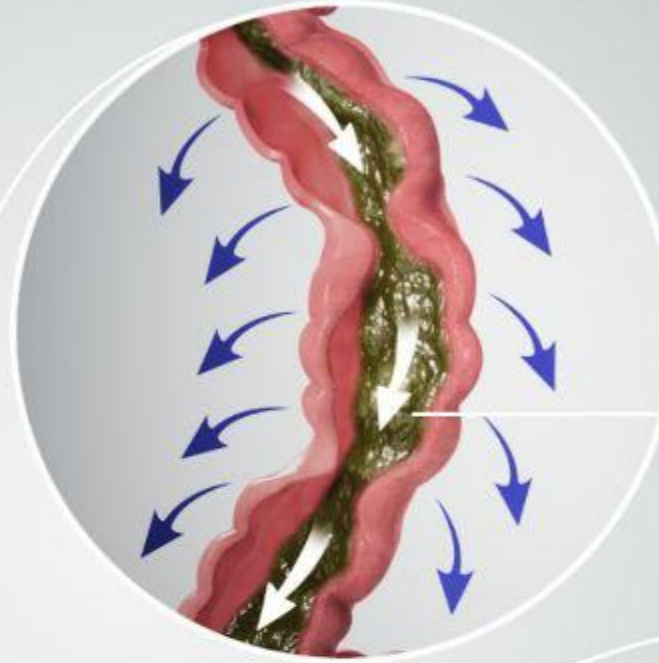
▶ *Malabsorption*



WHAT IS DIARRHEA??



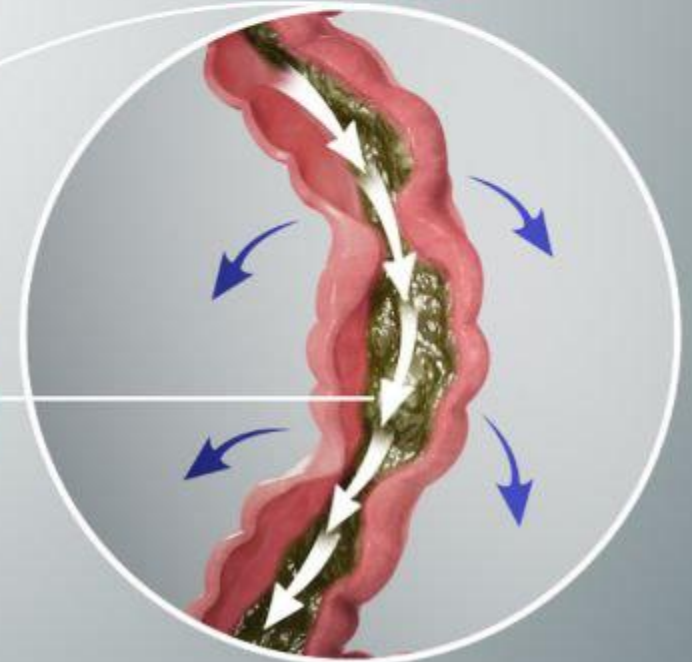
Normal



Water
reabsorbed
by the body

Stool

Diarrhea



Stool has too
much water
to reabsorb

→ Reabsorption
→ Water



TYPE OF DIARRHEA

Acute self limiting diarrhea for **24 hr**

Acute diarrhea for **< 2 weeks** **10** times a day

Chronic diarrhea **> 2 weeks** and loss weight

NON PHARMACEUTICAL THERAPY



Hydration: **Drink plenty of clear liquids like water**



BRAT diet: **consists of banana, rice, applesauce, and toast.**



Probiotics: **Probiotics are beneficial bacteria that can help restore the balance of gut flora like yogurt**

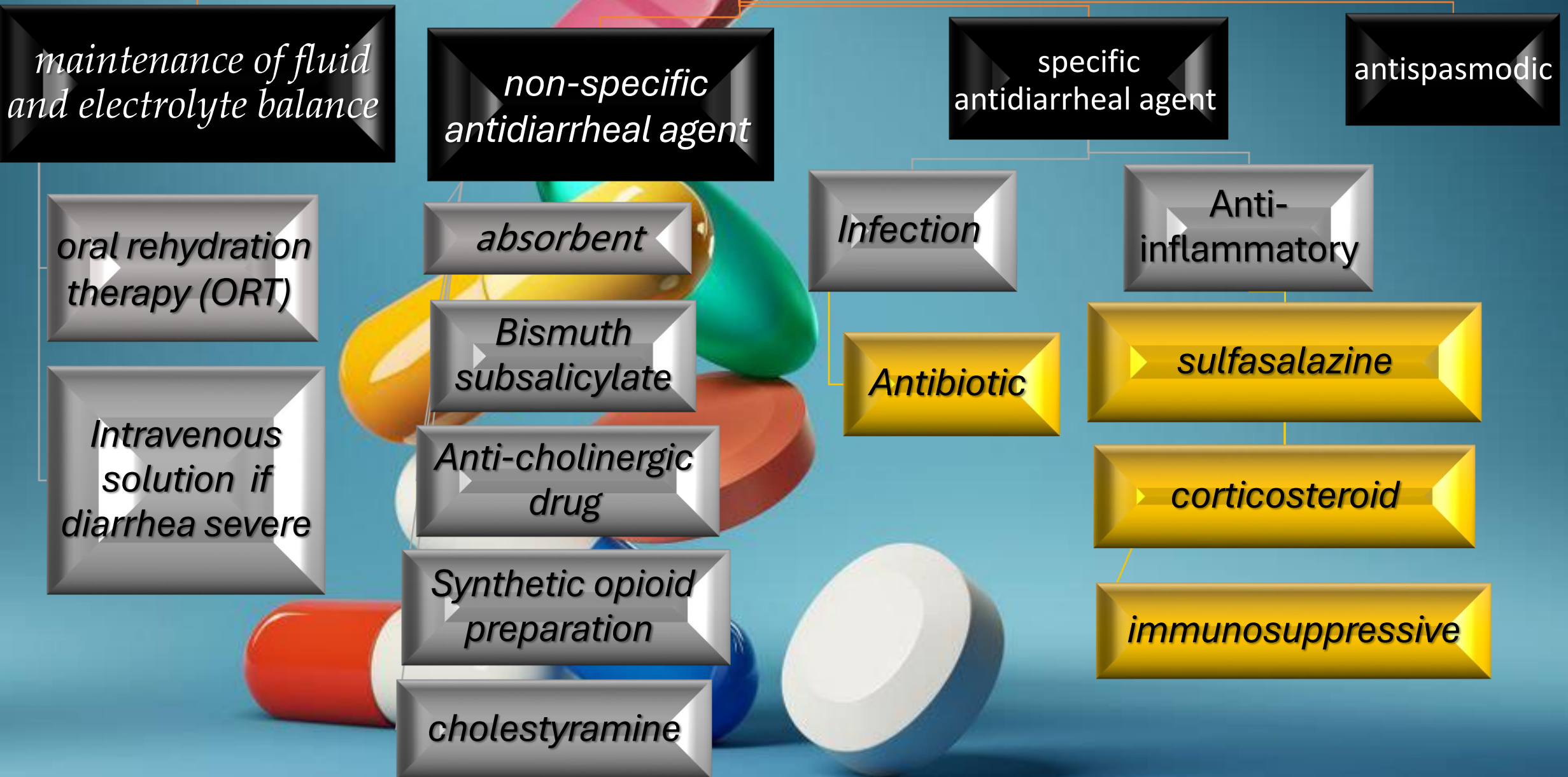


Herbal remedies: **like chamomile tea or peppermint tea, may help soothe the stomach and alleviate diarrhea symptoms**



Avoid trigger food: **like Spicy, fried, fatty, or greasy foods, as well as caffeine and alcohol, can potentially exacerbate diarrhea.**

PHARMACEUTICAL THERAPY



ABSORBENT

<i>Drug</i>	<i>MOA</i>	<i>Adverse effect</i>
<i>1-Kaolin 2-pectin 3-activated charcoal</i>	<i>1-absorb water ,microorganism, toxins 2-coat the mucosa and protect it</i>	<i>Decrease absorption of other drug</i>

BISMUTH SUBSALICYLATE

MOA

- 1-Bismuth :provides a protective coat for mucosa and binds toxin produced by pathogenic bacteria*
- 2- subsalicylate: hydrolyzed by intestinal bacteria into salicylic acid which lead to intestinal infection ,hypermotility and secretion*

ANTI-CHOLINERGIC DRUG

MOA

1-anti-diarrheal action: decrease colonic peristalsis by blocking the response of intestinal smooth muscle to cholinergic stimulation

2-antispasmodic: relive cramps associated with diarrhea





